

CIRCuM

Communication Informatique pour la Réconciliation et la Culture a Man

Man (Côte d'Ivoire)


Project Plan

Document History

Version	Date	status	Change
1.0	12.03.2009	First release	
1.1	31.03.2009	1st revision	Added updated budget table

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Introduction

CIRCuM - Communication Informatique pour la Réconciliation et la Culture a Man.

Sectors involved: healthcare, vocational education, civil society.

Project partners

Partner organisations in Ivory Coast

ORGANIZATION	REFERENCE	ROLE in the PROJECT
Oeuvre de Marie, Victoria Centre, Man	Dr Carlo Montaguti	Project owner
Association Culturel Informatique et Medical (ACIM), Man	Dr Bernard Kei	Project owner
CHR – Regional Hospital of Man	Dr Kouassi Guillaume	Logistic support and collaboration in education
Fraires Capucines, Abidjan	Fr. Antonio Forchini	Logistic support for custom/import activities
University of Cocodi-Abidjan	Kone Tiemoman	Collaboration in education
Theatrical troupe “Troh Afrique”	Daniel Gueu Gbongué	Cultural reference

Partner organisations in Italy

ORGANIZATION	REFERENCE	ROLE in the PROJECT
SGUAZZI onlus	Mirco Nacoti	Sponsor, cofinancer, operational partner
ActNow Alliance	Ing Cesare Borin, Marina Russo	CBICT programme management
AMU onlus	Stefano Comazzi	CBICT programme management
Ospedali Riuniti di Bergamo	Maurizio Migliori	Distance learning, telemedicine
Università degli Studi di Bergamo	Paride Braibanti, Marco Zanchi	Distance learning, promotion
Azienda Ospedaliera S. Paolo, Milano	Federico Lussana	Distance learning, promotion
Istituto Farmacologico “Mario Negri”, Milano	Eugenio Santoro	Access to specialized databases (Medline), distance learning.
Università Bicocca, Milano	Roberto Fumagalli	Scientific collaboration
Cattedra UNESCO, Bergamo	Felice Rizzi	Promotion
TELBIOS	Federico Cesari	Telemedicine
WEBM org, Palermo	Fedele Salvo	Distance learning, collaborative tools
SBBL: Sistema Bibliotecario Biomedico Lombardo	Idalia Gualdana	Access to specialized databases
Compagnia Brincadera	Giuseppe Goisis	Project promotion with artistic events
Ufficio Pace e Cooperazione, Bergamo	Vanni Maggioni	Project promotion
Comune di Osio Sotto (Bg)	Ciro Santoro	Project promotion

Other Italian organizations provided support to the project by co-financing specific project actions, since 2008.

ORGANIZATION	REFERENCE	ROLE in the PROJECT
Xmas project association	Matteo Fiorini	Cofinancer
Tino Sana arredamenti SRL	Tino Sana	Cofinancer
Consulenze ambientali SPA	Luigi Bernareggi	Cofinancer
COMPOTech SRL	Angelo Zanardi	Cofinancer
Oratorio di Curno	Don Matteo Cella	Cofinancer
Springer editor	Valentina Corio	Free supply of books of Medicine

Project basic information

Map of the area



Background summary

The civil war, started in 2002, divided Ivory Coast in two separated parts, until the peace treaty of 2007. The city of Man, in the western part, was occupied by the rebels; some of the consequences: severe lack of health care, educational and employment resources and serious emigration of young people.


In 2007 Medecins Sans Frontieres brought back to full operation the CHR hospital in Man. During the civil war, the Victoria Centre of Focolare Movement has been equipped with a first aid dispensary; from 2007 it organizes vocational training for doctors and social workers.

A specialized medical library for the Man hospital opened since 2004, thanks to the Italian NGO Sguazzi. The personnel and the friends of the library created the association ACIM, which is one of the two local partner organizations.

Objectives

The introduction of SatCom element, together with specialized ICT tools, has the objective of:

- promoting medical and social sciences development in the Man region, through national and international cultural exchange;
- improving and keeping high quality socio-health care education of the personnel of both centres;
- introducing specialized tools for permanent education;
- promoting youth education, especially among girls, in order to create local work opportunities.

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This will contribute to:

- starting scientific and production research projects;
- creating a “pole” of cultural exchange, organizing scientific events and seminars all over the area;
- creating an operating synergy among the various groups and associations with humanitarian aims active in the territory;
- supporting local civil society networks and awareness activities.

General activities

Starting formation programs for the regional Hospital and Victoria’s medical centre personnel:

- Formation to the correct use of ICT
- Planning video-conferences with European partners
- Organizing scientific events and seminars for the 18 Mountains Region
- Developing Internet activities
- Starting scientific production and research programs

Developing Regional Hospital Library of Man:

- Starting an internet consultation Centre at the hospital library;
- Building a conference hall within the premises of the hospital for formation activities and video-conferences;
- Restructuring work and maintenance;
- Increasing the number of books and magazines to be consulted in the library.

Enhance Civil Society:

- Contact other grass root organizations operating in other African countries, to work jointly on reconciliation and civil society enhancement;
- Create partnerships with local media (radio, etc);
- Start international twinning programs with other civil society organizations.

Task and management

The project is based on a modular design with a recursive approach. The overall solution is open and flexible in order to be incremental.

Project activities (Work Products)

All the tasks and activities of CIRCuM project can be divided in 4 main action lines:

- **technology**: in order to design the best solution and provide its deployment.
The success of this area is directly related to the sustainability of the solution in terms of governance, efficiency, flexibility, and easy to use.
- **communication**: to promote and divulgate the project, its objectives and its goals.
The success of this area is crucial for the involvement of the higher number of beneficiaries and, from the other hand, of new partners for deeper collaboration and for the co-financing of future activities.
- **user adoption and exploitation**: to empower local users, support their day-by-day activities and promote their own view and application of ICT tools, methods and techniques.
- **civil society awareness**: to spread the knowledge of ICT tools in the local population, facilitate their access to multicultural and international sources of information, encouraging mutual exchanges and the participation to collaborative networks.

Technology

A1. Technical architecture definition

1.1 technical analysis

1.2 social and geo-political analysis

1.3 infrastructure design

1.4 personnel identification for the installation programme

1.5 detailed analysis and test of VSAT and WiFi distribution solution

→ *result: definition of the technical architecture for the whole solution*

→ *documentation: Technical Architecture*

A2. Infrastructure setup

2.1 Selection and purchase of the equipments

2.2 Transport and Custom management


2.3 Installation and validation of the communication infrastructure

→ *result: communication infrastructure installed and operational*

→ *documentation: Installation Report*

A3. Local technical (ICT) support

3.1 Technical personnel selection

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3.2 Agreements

3.3 Education and pre-installation setup

3.4 Training on the job during installation

3.5 Operational tests

3.6 Remote support (on-demand and with a monthly conference from July to December)

→ *result: local technical support available, capable to manage ICT and network infrastructure and to support local users*

→ *documentation: Operational Manual for ICT management, diagnosis and remote-assistance.*

Communication

A4. Project promotion and divulgation

4.1 Local

4.1.1 TNO visit in Man

4.1.2 Web site setup for collaborative working: it will be designed with the help of the Italian expert who will be in Man in the month of July.

4.1.3 “Open-door” event, with Italian partners connected in teleconference.

4.2 In Italy

4.2.1 Project presentation at 4 libraries in the province of Bergamo, with artistic event organized by Brincadora. Sponsored by local administrations: Comune di Osio, Dalmine, Bagnatica, Cologno al Serio. (April, May, September).

4.2.2 Signing of the agreement between Bergamo University and Ospedali Riuniti di Bergamo for the official cooperation of Lombardia Region with Ivory Coast.

4.2.3 Organization of public events with teleconference with Man.

Some of them are listed here, others could be organized:

- a. Public event at Bergamo University: cultural exchange with Ivory Coast (June)
- b. Public event at Bergamo Ospedali Riuniti: teleconference on AIDS (July);
- c. Public event with many Italian sites linked in teleconference with Man (Nov.).

→ *result: political acceptance and support of the project from the main local institutions, and more partnerships for cooperation and project financing in Italy.*


→ *documentation: Report of events.*

User adoption and exploitation

This group of activities is mainly directed to the medical staff of CHR and ACIM, in order to increase the effectiveness of local medicine.

A5. Exploiting new communication technologies

5.1 Scientific resources in Internet.

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Thanks to the collaboration of Italian partners (SBBL, Mario Negri Institute) they are planned specific sessions for medical staff in Man on the research, access and usage of specialized medical resources in internet. After the first guided sessions with Italian partners, the activity will continue with a weekly training session.

Local reference: Dominique Djre.

5.2 Scientific events in teleconference (Man calls Bergamo).

The organization of specific events among the partner organizations of Man and their Italian partners will be a chance to demonstrate the effectiveness of the mutual relationships and the starting of a joint programme that will support Man medical staff in their work. These events (listed also in activity 4.2.3) will be also an opportunity to communicate project value and provide additional support to the project.

Local reference for the June event is Daniel Gbonque (*ACIM, Tro Afrique*).

Local reference for the July event is Dr Kakou Elis, regional official reference for SIDA.

5.3 Specialized ICT training for medical staff.

In July an ICT expert, Christian Sarnataro, will arrive in Man from Italy and he will remain there for one month. He will be dedicated to the medical staff in Man, in order to help them to improve their competences on the usage of new technologies (collaborative working, telemedicine) and to find new applications to be exploited.

5.4 Continuous learning for local medical staff.

Starting from August, they are planned weekly activities involving medical staff of CHR, in order to continue exploitation of new technologies, after the departure of Christian Sarnataro. Local reference will be Dominique Djre, in charge of new technology maintenance and support.

5.5 Collaborative sessions of medicine.

Thanks to the partnership with WEBM org, they are planned sessions on paediatric cases, at the presence of patients. These sessions will be managed by Dr Bernard Kei, paediatrician and chief doctor of CHR, together with medical staffs of hospitals in Bergamo and Milan, that gave their availability for 3rd quarter of the year. In July the ICT expert will train local medical staff on the usage of the new application.

5.6 Telemedicine sessions.

In Man there is no cardiologic department: for this reason it'll start an initiative to explore the opportunity of ECG at distance. For 6 months, since July, Ospedali Riuniti in Bergamo will provide the reporting and Telbios will provide a digital ECG tool and the sw application.


Local reference will be Dr Kone Tiemoman, at Abidjan University, specialized in telemedicine. Some sessions will be run in July, with the local support of Christian Sarnataro, and additional sessions between Man Hospital and Abidjan are planned for the end of 2009.

→ *Result: growth of local competences and new opportunities for local Medicine*

→ *Documentation: Report on planned events.*

Civil society awareness

The activities of CIF (Centre Informatique Focolari) are focused on specialized training to support local population awareness and effective usage of new technologies.

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A6. Specialized education to enable civil society awareness

6.1 Computer and Internet alphabetization. This activity is mainly directed to the teachers and education staffs of Man schools.

6.2 Cultural and civil education. Three different groups of activities are under this program:

6.2.1 CIF “open door” event: to communicate CIF objective, programs and opportunities; it is organized every 3 months.

6.2.2 Workshops on internet exploitation (pictures on the web, sharing internet resources, etc) for young people in Man.

6.2.3 CIF friends Club for teen’s

6.3 Cyber Cafè

6.4 Support to the international activities of Victoria Centre: Week for the United World (international exchange among young people); internet collaborative sessions with international groups (families, teen’s, etc).

→ *Result: growth of local competences*

→ *Documentation: Report on planned events.*

Management

Some additional activities are planned in order to provide project alignment among all the different organizations cooperating to the project initiatives.

A7. Project alignment

7.1 Definition of the action plan with all Italian organization involved.

7.2 Visit of Project Initiator (and sponsor) in Man: Dr. Nacoti will be in Man in September.

7.3 Joint teleconference among all organizations participating to the project (November).


Activities management structure (WBS)

To be added later on.

Project Time Plan

This table describes the project time plan for 2009, starting from February, and related to the CBICT programme.

<i>Project activities</i>	0 2	0 3	0 4	0 5	0 6	0 7	0 8	0 9	1 0	1 1	12
1. Technical architecture definition											
1.1 - 1.4											
1.5 Test VSAT											
2. Infrastructure setup											
2.1 Selection/purchase of the equipments											
2.2 Transport & Custom management											
2.3 Installation											
3. ICT support											
3.1 Technical personnel selection											
3.2 Agreements											
3.3 Education and pre-installation setup											
3.4 Training on the job during installation											
3.5 Operational tests											
3.6 Remote support											
4. Promotion and divulgation											
4.1.1 Project visit by TNO and local event											
4.1.2 Setup of local web site											
4.1.3 "Open-Door" in Man											
4.2.1 Project presentation BG province											
4.2.2 Joint agreement for cooperation											
4.2.3 Public events with teleconference											
5. Adoption and exploitation											
5.1 Access to scientific resources in Internet											
5.2 Organization of scientific events											
5.3 Specialized professional training											
5.4 Continuous learning											
5.5 Collaborative sessions on paediatrics											
5.6 Telemedicine sessions											
6. Civil Society awareness											
6.1 Computer and internet alphabetization											
6.2 Cultural and civil education:											
6.2.1 CIF open door											
6.2.2 workshop on internet exploitation											
6.2.3 CIF friends club for teens											
6.3 CyberCafè											
6.4 Support to activities of Victoria Centre											
7. Project alignment and evaluation											
7.1 Action plan among Italian partners											
7.2 Visit in Man by Project Initiator											
7.3 Video-conference among partners											

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Project personnel

The following table lists the personnel directly involved in the main project activities. Refer to document DEL 4210.03 for a complete list of involved personnel.

Local project team

<i>Project Role</i>	<i>Name</i>	<i>Job, Title</i>
CIRCuM Project manager	Carlo Montaguti	Doctor
Local Technical support	Dominique Djre	ICT expert, teacher
CIF teachers	Marijo Ferreira	Teacher, CIF reference, Mathematics
CIF teachers	Rose Zié	Teacher, Informatics
Librarian, logistic support	Sylvain Jolly	Teacher, Informatics
Librarian	t.b.a.	

Other project collaborators, working on a voluntary basis, leading specific activities are:

<i>Project Role</i>	<i>Name</i>	<i>Job, Title</i>
Communication, promotion	Daniel Gbongué	Troh Afrique theatrical troupe
Communication, promotion	Aboulaye Ballo	Radiologist
Communication, promotion	Jeremie Dogbo	Nurse
Communication, promotion	Guillaume Oulai	Enlivener
Communication, promotion	Martin Kacou	Doctor, external relations, Abidjan
Scientific programs	Bernard Key	Chief doctor CHR, President ACIM
Scientific programs	Elis Kacou	Doctor
Scientific programs	Kone Tiemoman	Doctor, Abidjan University
Accounting, logistics, services	Lou Alphonse	Nurse, treasures of ACIM
Accounting, logistics, services	Norbert Koassu	Radiologist, general secretary ACIM
Accounting, logistics, services	Micheline Nguessan	Obstetrician, accounting
Accounting, logistics, services	Carmen Ceccato	Import-expert, Abidjan
Accounting, logistics, services	Raffaella Gentilini	Doctor, Abidjan

Italian team

<i>Project Role</i>	<i>Name</i>	<i>Job, Title</i>
CBICT Programme Manager	Cesare Borin	ActNow reference, Technical Design
CBICT Operations	Marina Russo	ActNow, technical staff
Project Initiator and sponsor	Mirco Nacoti	Sguazzi, doctor

Other project collaborators, working on a voluntary basis, leading specific activities are:

<i>Project Role</i>	<i>Name</i>	<i>Job, Title</i>
Technical education	Christian Sarnataro	ICT expert
Installation team leader	Nicola Di Tella	Technical expert
Installation team member	Piero Troiano	Technical expert
Installation team member	Simone Di Tella	Technical expert

Detailed Budget Tables

For a better comprehension of the overall CIRCuM project, they are reported here also the information related to 2008 activities.

Project funds

CIRCuM Project is financed mainly by two programmes: Sguazzi NGO initiatives and ActNow participating to CBICT initiative by ESA/TNO. The following table shows the details of funds obtained in 2008 and those obtained/planned in 2009.

Other funds are going to be obtained by local Administrations in Ivory Coast. The 2009 table will be updated accordingly.

Funding 2008

Description	Value €	Sguazzi €	CBICT €
Donation COMPotech	1.000,00		
Donation "Consulenze Ambientali"	500,00		
Donation "Osio c'è"	2.000,00		
Donation "Xmas project"	29.000,00		
Other resources by Sguazzi	2.000,00		
<i>Subtotal Sguazzi</i>		34.500,00	
CBICT contribution for computers 2008	3.300,00		
<i>Subtotal CBICT</i>			3.300,00
TOTAL Funding 2008	37.800,00		

Funding 2009

Description	Value €	Sguazzi €	CBICT €
Donation "SANA arredamenti"	1.500,00		
Donation from local administrations	2.500,00		
Donation from Bergamo University	1.000,00		
Book reprinting "Un uomo come tanti"	2.500,00		
Other resources by Sguazzi	1.000,00		
<i>Subtotal Sguazzi</i>		8.500,00	
CBICT contribution for equipments 2009	19.200,00		
CBICT contribution for installation program	11.500,00		
CBICT contribution for human resources	3.000,00		
<i>Subtotal CBICT</i>			33.700,00
TOTAL Funding 2009	42.200,00		

Expenses

Balance 2008

Description of expenses	Value FCFA	Value €	From Sguazzi	From CBICT	notes
Infrastructure Victoria Center	1.200.000	1.829,39	1.829,39		
Infrastructure Library	1.481.000	2.257,77	2.257,77		
Basic IT equipments Victoria Center	2.844.122	4.335,84	2.931,84	1404,00	7 PCs total, 3 from Esa/Tno
Basic IT equipments Library	4.240.182	6.464,12	4.592,12	1872,00	9 PCs total, 4 from Esa/Tno
Cost of personnel: Librarian	720.000	1.097,63	1.097,63		60.000 FCFA per month, 12 months
Cost of personnel: Local Technician		1.500,00	1.500,00		125€, 12 months
Cost of personnel: CIF teachers (Victoria Center)		900,00	900,00		3 people, 100€ per month, 3 months
Cost of personnel: Project Manager		1.600,00	1.600,00		200€, 8 months
Remboursement for local expenses	120.000	182,94	182,94		mobility, etc
Local promotion expenses	100.000	152,45	152,45		Open Door Event (August)
General expenses in Bergamo		3065,00	3.065,00		
TOTAL Expenses 2008		23.385,13	20.109,13	3.276,00	
Balance year-end 2008		14.414,87	14.390,87	24,00	

Budget 2009

Description of expenses	Value FCFA	Value €	From Sguazzi	From CBICT	notes
Equipments		19.224,00		19.224,00	
Installation mission		11.500,00		11.500,00	Travel, lodging, etc: 4 people
Italian expert mission		2.000,00	2.000,00		Travel, lodging, etc: 1 person
Cost of personnel: Librarian	1.260.000	1.920,86	1.920,86		1 person 12 months 1 person 9 months
Cost of personnel: Local Technician		1.500,00	1.500,00		125€, 12 months
Cost of personnel: CIF teachers (Victoria Center)		3.600,00	3.600,00		3 people, 100€ per month, 12 months
Cost of personnel: Project Manager		2.400,00		2.400,00	200€, 12 months
Remboursement for local expenses	100.000	152,45	152,45		mobility, etc
Local promotion expenses	100.000	152,45	152,45		Open Door Event (november)
Remboursement video-conferences	900.000	1.372,04	1.372,04		
<i>Subtotal Man expenses</i>		<i>43.821,80</i>	<i>10.697,80</i>	<i>33.124,00</i>	
Artistic events (promotion)		1.200,00	1.200,00		Brincadera troupe
Project web site		1.000,00	1.000,00		Web master
Organization of events		3.500,00	3.500,00		3 video-conference
Other expenses		1.100,00	1.100,00		
<i>Subtotal Bergamo expenses</i>		<i>6.800,00</i>	<i>6.800,00</i>		
TOTAL Expenses 2009		50.621,80	17.497,80	33.124,00	
Expected balance year-end 2009		5.993,07	5.393,07	600,00	